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RAW SEQUENCE LISTING   DATE: 12/11/2002
PATENT APPLICATION: US/10/016,490C   TIME: 14:58:41

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF4\12112002\J016490C.raw

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   3 <110> APPLICANT: Yin, James Q.
   5 <120> TITLE OF INVENTION: Methods for design and selection of short double-stranded
   6       oligonucleotides, and compounds of gene drugs
   8 <130> FILE REFERENCE: 01-2793
  10 <140> CURRENT APPLICATION NUMBER: 10/016490C
C--> 11 <141> CURRENT FILING DATE: 2002-11-22
  13 <160> NUMBER OF SEQ ID NOS: 51
  15 <170> SOFTWARE: PatentIn version 3.1
  17 <210> SEQ ID NO: 1
  18 <211> LENGTH: 19
  19 <212> TYPE: DNA
  20 <213> ORGANISM: Artificial Sequence
  22 <220> FEATURE:
  23 <223> OTHER INFORMATION: The same as those in human.
  25 <400> SEQUENCE: 1
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  31 <212> TYPE: DNA
  32 <213> ORGANISM: Artificial Sequence
  34 <220> FEATURE:
  35 <223> OTHER INFORMATION: The same as those in human.
  37 <400> SEQUENCE: 2
  38 gattatgcgg atcaaacct                                          19
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  43 <212> TYPE: DNA
  44 <213> ORGANISM: Artificial Sequence
  46 <220> FEATURE:
  47 <223> OTHER INFORMATION: The same as those in human.
  49 <400> SEQUENCE: 3
  50 cgggacccgg tcgccagga                                          19
  53 <210> SEQ ID NO: 4
  54 <211> LENGTH: 19
  55 <212> TYPE: DNA
  56 <213> ORGANISM: Artificial Sequence
  58 <220> FEATURE:
  59 <223> OTHER INFORMATION: The same as those in human.
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  65 <210> SEQ ID NO: 5
  66 <211> LENGTH: 19
  67 <212> TYPE: DNA
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 68 <213> ORGANISM: Artificial Sequence
 70 <220> FEATURE:
 71 <223> OTHER INFORMATION: The same as those in human.
 73 <400> SEQUENCE: 5
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 77 <210> SEQ ID NO: 6
 78 <211> LENGTH: 19
 79 <212> TYPE: DNA
 80 <213> ORGANISM: Artificial Sequence
 82 <220> FEATURE:
 83 <223> OTHER INFORMATION: The same as those in human.
 85 <400> SEQUENCE: 6
 86 ccagcttcgg aacaagaga                                        19
 89 <210> SEQ ID NO: 7
 90 <211> LENGTH: 19
 91 <212> TYPE: DNA
 92 <213> ORGANISM: Artificial Sequence
 94 <220> FEATURE:
 95 <223> OTHER INFORMATION: The same as those in human.
 97 <400> SEQUENCE: 7
 98 tgaacaacgg attgagcta                                        19
101 <210> SEQ ID NO: 8
102 <211> LENGTH: 19
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: The same as those in human.
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115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
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119 <223> OTHER INFORMATION: The same as those in human.
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127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: The same as those in human.
133 <400> SEQUENCE: 10
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137 <210> SEQ ID NO: 11
138 <211> LENGTH: 19
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
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143 <223> OTHER INFORMATION: The same as those in human.
145 <400> SEQUENCE: 11
146 atgtccacgg aagaggaga                                              19
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150 <211> LENGTH: 19
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: The same as those in human.
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158 aagatcccgg acgcacaga                                              19
161 <210> SEQ ID NO: 13
162 <211> LENGTH: 19
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: The same as those in human.
169 <400> SEQUENCE: 13
170 ccttcagcgg ccagtagca                                              19
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175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: The same as those in human.
181 <400> SEQUENCE: 14
182 aaagctccgg gtcttaggc                                              19
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186 <211> LENGTH: 19
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: The same as those in human.
193 <400> SEQUENCE: 15
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199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
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203 <223> OTHER INFORMATION: The same as those in human.
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211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
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223 <212> TYPE: DNA
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234 <211> LENGTH: 19
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: The same as those in human.
241 <400> SEQUENCE: 19
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245 <210> SEQ ID NO: 20
246 <211> LENGTH: 19
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: The same as those in human.
253 <400> SEQUENCE: 20
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259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
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263 <223> OTHER INFORMATION: The same as those in human.
265 <400> SEQUENCE: 21
266 gccggcccgg attgacgag                                          19
269 <210> SEQ ID NO: 22
270 <211> LENGTH: 19
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: The same as those in human.
277 <400> SEQUENCE: 22
278 aaggggtcgg tggaccggt                                          19
281 <210> SEQ ID NO: 23
282 <211> LENGTH: 19
283 <212> TYPE: DNA
284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: The same as those in human.
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289 <400> SEQUENCE: 23
290 ggtggaccgg tcgatgtat                                   19
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294 <211> LENGTH: 19
295 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: The same as those in human.
301 <400> SEQUENCE: 24
302 ctgtgcacgg aactgaaca                                   19
305 <210> SEQ ID NO: 25
306 <211> LENGTH: 19
307 <212> TYPE: DNA
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: The same as those in human.
313 <400> SEQUENCE: 25
314 gtgcctgcgg tgccagaaa                                   19
317 <210> SEQ ID NO: 26
318 <211> LENGTH: 19
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: The same as those in human.
325 <400> SEQUENCE: 26
326 gcaagttcgg cagcagctt                                   19
329 <210> SEQ ID NO: 27
330 <211> LENGTH: 19
331 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: The same as those in human.
337 <400> SEQUENCE: 27
338 atagttgcgg agagtctgc                                   19
341 <210> SEQ ID NO: 28
342 <211> LENGTH: 19
343 <212> TYPE: DNA
344 <213> ORGANISM: Artificial Sequence
346 <220> FEATURE:
347 <223> OTHER INFORMATION: The same as those in human.
349 <400> SEQUENCE: 28
350 tgaatttcgg cacctgcaa                                   19 .
353 <210> SEQ ID NO: 29
354 <211> LENGTH: 19
355 <212> TYPE: DNA
356 <213> ORGANISM: Artificial Sequence
358 <220> FEATURE:
359 <223> OTHER INFORMATION: The same as those in human.
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VERIFICATION SUMMARY   DATE: 12/11/2002
PATENT APPLICATION: **US/10/016,490C**   TIME: 14:58:42

Input Set : **A:\PTO.VSK.txt**
Output Set: **N:\CRF4\12112002\J016490C.raw**

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date